Sharique Masood
DevOps Engineer with 2+ Yrs Experience
Contact: +91 - 8769534181
Email ID: sharique.vicky@gmail.com

PROFESSIONAL SUMMARY:

- 2+ years of experience working on DevOps technology
- Well-versed in AWS Cloud Stack & Docker
- Understanding of Setting up, deployment and migration of Java, Spring Boot, PHP & Drupal applications.
- Strong knowledge and experience in MongoDB, MySQL and Aurora, Load Testing, Ansible (Configuration Management), Dockerization, Virtualization, Cloudformation/Terraform(Infrastructure as a code) Handling and managing infrastructure of around 75+ servers with zero-downtime deployments
- Expertise in setting up and managing applications on multiple web applications (Tomcat, PHP etc)
- Expertise in migrating on-prem application to AWS environment.

WORK EXPERIENCE:

TO THE NEW   Sep 2018 - Present
DevOps Engineer

TECHNICAL SKILLS:

Components	Skills
Web Servers	Nginx, Apache, IIS
Application Servers	Tomcat
Scripting	Bash and Python
Automation Tools	Jenkins, Terraform, Ansible
Database	MySQL, MongoDB
Versioning	GitHub, GitLab
Build Tool	Maven, Jenkins, npm, gradle
Docker Orchestration	AWS ECS, Docker Swarm
CMS	Drupal CMS
Operating Systems	RedHat, Centos, Ubuntu, Windows
AWS Services	EC2, Lambda, ECS, Cloudwatch, Cloudtrail, Cloudfront, RDS, Route 53, S3, EFS, Glacier, VPC, Config, TA, IAM, WAF, ACM, Pinpoint, SNS, SQS, SES, Amazon SageMaker.
Logging Monitoring	Prometheus, Grafana, Kibana, logstash, Elasticsearch
IDE	PyCharm, IntelliJ, Visual Studio Code, Atom
Other	SonarQube, Jira, Postman, Curator

Sharique Masood
DevOps Engineer with 2+ Yrs Experience
Contact: +91 - 8769534181
Email ID: sharique.vicky@gmail.com

Contributions:

Contribution	Key highlights
Certifications	➔ AWS Certified Solutions Architect (Associate) ➔ RedHat Certified System Administrator (RHCSA, Version 7) ➔ HashiCorp Certified Terraform Associate
Achievements	➔ Received 2 times **Impact Award** - FY 2020 - 2021 - Q1 for 2 different projects.

PROJECTS HIGHLIGHTS:

Details of some of the key projects are mentioned below. Remaining details can be shared on request.

Enterprise Client - Information Technology	
This is a DevOps project that involves Infrastructure automation, Configuration management, CI/CD Pipeline,Logging and Monitoring, Distributed System and Data Persistent Storage with different tools and technology stack like Terraform, Ansible and Docker with Swarm and ECS.	
Technology / Tools	Git, AWS EC2, AWS ECS, ALB, Jenkins, Docker, Cloudfront, ELK, TIG, RabbitMQ, RDS Aurora, Terraform, Ansible, Cloudformation, Lambda, Route53, WAF, Nginx, DMS, Route53.
Roles	DevOps Engineer
Responsibilities	➔ Securing the whole AWS account and infrastructure ➔ Setting up end to end encryption of data at rest and data at motion at all layers ➔ Setting up and managing different environments (Dev, QA, Staging, PROD) ➔ Implemented Kibana and Grafana for monitoring. ➔ Implemented Elasticsearch for searching logs. ➔ Automated Backups, Snapshots ➔ Setting Continuous Integration tool Jenkins & Automating deployments ➔ Zero-Downtime Deployment in dockerized environments for HA ➔ Load Testing of the Web Application with grafana dashboard ➔ Monitoring Application performance using NewRelic. ➔ Lambda to generate business flows ➔ Database procedure/trigger to sync two databases.

Sharique Masood
DevOps Engineer with 2+ Yrs Experience
Contact: +91 - 8769534181
Email ID: sharique.vicky@gmail.com

Enterprise Client - Education Domain	
This is a DevOps project that involves tools and technologies like AWS, ECS, Docker, Jenkins,SonarCube, Jmeter, various Jenkins Plugins different PHP and OS Packages.	
Technology / Tools	Amazon Web Services (EC2, Lambda, Elasticache, Terraform,RDS MySQL, S3, Cloudfront, ELB, Route53, CloudWatch),Nginx, Drupal Stack, Mongo, Varnish.
Roles	DevOps Engineer
Responsibilities	➔ Set of Production Architecture to serve websites on Elastic Container Service(ECS) ➔ Securing the complete VPC environment and ensuring that both cloud and on-premise resource interaction is appropriate (VPN, ACLs, security groups, route tables). ➔ Managed entire infrastructure setup via terraform ➔ Configuration of dev, stage and prod environments on ECS ➔ Monitoring of the entire Architecture using CloudWatch ➔ Automate system administrative tasks using Lambda and shell scripts. ➔ Setup of CICD using Jenkins ➔ Zero-Downtime Deployment in dockerized environments for HA ➔ Automated Backups, Snapshots and DR recovery methods ➔ Route53 for managing DNS

Enterprise Client - Verification Domain	
This is DevOps project that involve AWS migration and access management with CI/CD Pipeline, Logging and Monitoring, Containerization with different tools and technology stack like Docker ECS cluster.	
Technology / Tools	Git, PHP, Java, Python, AWS EC2, AWS ECS, ALB, Jenkins, Docker, Redis, RabbitMQ, ActiveMq, RDS MySql, Ansible, Cloudformation, Lambda, Route53, WAF, Nginx, Apache, AWS Inspector, GuardDuty, AWS System Manager, Site to Site VPN, EFS, S3, Snowball, CloudTrail, CloudWatch, AWS config, DMS, ECR, Apache Solr, Zookeeper.
Roles	DevOps Engineer
Responsibilities	➔ Involved in Infrastructure Architecture design process, CI/CD Pipeline design and implementation, DevOps best practice implementation. ➔ Securing the whole AWS account and infrastructure ➔ Migration of the Infrastructure from on-prem to AWS ➔ Setting up end to end encryption of data at rest and data at motion at all layers ➔ Automated Backups, Snapshots and DR recovery methods ➔ Apache Solr Set up & troubleshooting

	➔ Setting Continuous Integration tool Jenkins & Automating deployments ➔ Zero-Downtime Deployment in dockerized environments for HA ➔ Monitoring Application performance using NewRelic. ➔ Lambda for monitoring application uptime and response time. ➔ Load Testing of the Web Application ➔ OS vulnerability scanning and patching with AWS Inspector ➔ Monitoring of the entire Architecture using CloudWatch and cloudtrail. ➔ Running spot instances for cron jobs.

Enterprise Client - Financial Domain	
This is a DevOps project that involves tools and technologies like AWS, Windows Server, SQL server, IIS, S3, and FSx.	
Technology / Tools	Amazon Web Services (EC2(windows), Lambda, S3, ELB, Route53, FSx, CloudWatch, Cloudtrail, IAM), .Net, IIS, FTP, ACM, VPC Endpoint, SSM, STS, WAF.
Roles	DevOps Engineer
Responsibilities	➔ Involved in Infrastructure Architecture design process, and implementation, DevOps best practice implementation. ➔ Securing the complete VPC environment and ensuring that both cloud and on-premise resource interaction is appropriate (VPN, ACLs, security groups, route tables). ➔ Implementing autoscaling and ALB for HA. ➔ Monitoring of the entire Architecture using CloudWatch. ➔ Automate system administrative tasks using Lambda. ➔ Automated Backups and Snapshots. ➔ Managing windows firewall rule. ➔ Configure tag based IAM policy for secure login to ec2 machine via SSM. ➔ Enforce MFA on IAM policy to use STS token. ➔ Setting up encryption of data at rest using KMS. ➔ Implementing VPC endpoint for privately connecting to SSM agent running on ec2 machine. ➔ Implementing OWASP top 10 rule in AWS WAF.

Sharique Masood
DevOps Engineer with 2+ Yrs Experience
Contact: +91 - 8769534181
Email ID: sharique.vicky@gmail.com

ACADEMIC QUALIFICATION:

Bachelor of Technology (CSE)   **July, 2017**
Jaipur National University, Jaipur (Rajasthan)

Higher Secondary   **April, 2011**
MG College, Darbhanga (Bihar)

Senior Secondary   **April, 2009**
RH School, Darbhanga (Bihar)